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GOVERNOR



HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20070001
Agency Interest No. 17306

Mr. John Hammack
Vice President
PO Box 17317
Hattiesburg, MS 39404-7317

RE: Part 70 Operating Permit Renewal/Modification, Hood Industries Inc
Coushatta, Red River Parish, Louisiana

Dear Mr. Hammack:

This is to inform you that the permit renewal and modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2014, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Please be advised that pursuant to provisions of the Environmental Quality Act and the Administrative Procedure Act, the Department may initiate review of a permit during its term. However, before it takes any action to modify, suspend or revoke a permit, the Department shall, in accordance with applicable statutes and regulations, notify the permittee by mail of the facts or operational conduct that warrant the intended action and provide the permittee with the opportunity to demonstrate compliance with all lawful requirements for the retention of the effective permit.

Done this _____ day of _____, 2009.

Permit No.: 2420-00009-V3

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSN:slp

c: EPA Region VI

**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Hood Industries Inc
Agency Interest No.: 17306
Hood Industries Inc
Coushatta, Red River Parish, Louisiana**

I. Background

Hood Industries, Inc. owns and operates a sawmill near the town of Coushatta in Red River Parish. The Coushatta sawmill currently operates under Permit No. 2420-00009-V2, issued April 25, 2007.

This is the Part 70 operating permit renewal and modification for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by Hood Industries Inc. on May 3, 2007, requesting a Part 70 operating permit renewal. Additional information dated June 28, 2007, December 27, 2007, and January 28, 2008 was also received.

III. Description

Hood's Coushatta Sawmill includes a lumber drying and planing operation. The annual production rate of this facility is 140 MM board feet total of dried lumber and rough green lumber.

Southern pine logs are transported via trucks to the facility where they are unloaded and stored in piles in the log yard. At certain times, some of the logs are sprinkled with water to prolong their storage life. Logs are debarked and cut into appropriate lengths. The lumber is then dried in steam-heated kilns to reduce moisture content. After drying, the lumber is sent to the planer, where the lumber is dressed to its final width and thickness, and the lumber is then trimmed to final length. Unused parts of the logs are converted to chips for use as raw material in making paper. The chips are pneumatically conveyed to two overhead storage bins for loading into trucks or rail cars for shipment to a paper mill. Shavings from the planer mill are used as raw material for making particleboard or fiberboard. These shavings are pneumatically conveyed into an overhead storage bin for loading into truck trailers for shipment to other manufacturers. Bark, sawdust, and other wood wastes are used as fuel in the two steam boilers, which supply steam to heat the three lumber kilns. Diesel fuel, unleaded gasoline, hydraulic and lubricating oils, and air-line antifreeze for use in the plant machinery are stored in above-ground tanks and containers.

There are no physical changes with this renewal. Changes in emissions are due to a reconciliation with stack test data.

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Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	214.8	214.8	-
SO ₂	0.71	8.90	+ 8.19
NO _x	57.9	78.6	+ 20.7
CO	750.5	665.5	- 85.0
VOC *	252.3	251.6	-0.7

LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):

VOCs TAPs

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Benzene	1.50	1.50	-
Formaldehyde	2.80	2.80	-
Acetaldehyde	0.30	0.30	-
Acrolein	1.40	1.40	-
Methanol	14.60	14.70	+0.10
PAH	0.05	0.05	-
Chlorinated dibenzo-p-dioxins	<0.0001	<0.0001	-
Chlorinated dibenzo furans	<0.0001	<0.0001	-
Total	20.65	20.75	+0.10

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**Hood Industries Inc
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Coushatta, Red River Parish, Louisiana**

LAC 33:III.Chapter 51 Toxic Air Pollutants (TAPs):

<u>Non-VOC TAPs</u>		Before	After	Change
Manganese		1.60	1.46	-0.14
Hydrochloric acid		0.39	6.79	+6.40
Beryllium		<0.001	<0.001	-
Cadmium		0.001	0.001	-
Chromium		0.01	0.01	-
Lead		0.02	0.02	-
Total		2.02	8.28	+6.26

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) and New Source Performance Standards (NSPS) do not apply.

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

Because the court vacated EPA's rules, the Department has initiated proposed rulemaking repealing the incorporation by reference of the Boiler MACT and the definitions revised in 70 Federal Register 55,568 in order to be consistent with federal regulations. The proposed regulations will also suspend the operation of any term or condition currently existing in a permit that references the Boiler MACT. The Federal MACT specific requirements have been removed for Boiler No. 1 and Boiler No. 2 (EQT001 and EQT002) due to court vacature of Subpart DDDDD.

Sources that were subject to the vacated Boiler MACT may now be subject to case-by-case MACT under Clean Air Act Section 112(g) or 112(j). The EPA is in the process of determining if case-by-case MACT was triggered when the court vacated the Boiler MACT. If case-by-case MACT was triggered, you will be notified in a separate letter. Sources affected by case-by-case MACT will be required to file a permit application in accordance with 40 CFR part 63 subpart B requesting that the State issue a case-by-case MACT determination.

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**Hood Industries Inc
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Coushatta, Red River Parish, Louisiana**

Hood Industries, Inc. will comply with the applicable provisions of National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products, Subpart DDDD, by October 1, 2008 for the Coushatta sawmill. Subpart DDDD requirements for sawmill kilns is no additional controls.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Emissions associated with the proposed facility were reviewed by the Air Quality Assessment Division to ensure compliance with NAAQS and AAS. LDEQ did not require the applicant to model emissions.

VIII. General Condition XVII Activities

Work Activity	Schedule	Emission Rates - tons			
		PM ₁₀	SO ₂	NO _X	CO
Methanol Injection 2 tons/year maximum	When temp. approaches freezing				2.0

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**Hood Industries Inc
Agency Interest No.: 17306
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Coushatta, Red River Parish, Louisiana**

IX. Insignificant Activities

<u>ID No.:</u>	<u>Description</u>	<u>Citation</u>
Tank 1	8,000 gal Diesel fuel tank	LAC 33:III.501.B.5.A.3
Tank 2	1,000 gal Diesel fuel tank	LAC 33:III.501.B.5.A.3
Tank 4	3,000 gal Hydraulic oil tank	LAC 33:III.501.B.5.A.3
FH-1	Hog for boiler fuel	LAC 33:III.501.B.5.A.3
-	Process air discharges	LAC 33:III.501.B.5.B.24
-	Maintenance cutting, welding, grinding	LAC 33:III.501.B.5.B.3
-	Maintenance painting	LAC 33:III.501.B.5.B.2
-	Use of boiler water treatment chemicals	LAC 33:III.501.B.5.B.8

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Hood Industries Inc
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Hood Industries Inc
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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5▲	509	9	11	13	15	2103	2104*	2107	2113	2115	2116*	2131	22	29*	51*	53*	56
GRP 3	Entire Facility	1	1	1	1					1									1
EQT 1	Boiler No. 1			1	1	1													1
EQT 2	Boiler No. 2			1	1	1													1
EQT 3	Planer shaving conveying system					1													
EQT 4	Chip conveying system w/cyclone					1													
EQT 8	Chip conveying system w/cyclone					1													
EQT 5	Steam-heated lumber dry kiln					1					1								1
EQT 6	Steam-heated lumber dry kiln					1					1								1
EQT 7	Aboveground gasoline tank						1										3		
FUG 1	Fugitive Emissions					1													

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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Hood Industries Inc
Coushatta, Red River Parish, Louisiana

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank - The regulations clearly do not apply to this type of emission source.

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Hood Industries Inc

Agency Interest No.: 17306

Hood Industries Inc.

Coushatta, Red River Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61						40 CFR 63 NESHPAP						40 CFR					
		K	Ka	Kb	D	Dc	GG	KKK	A	J	V	A	DDDD	DDDDD	DDDDDD	DDDDDD	52	64	68						
GRP 3	Entire Facility																								
EQT 1	Boiler No. 1																								
EQT 2	Boiler No. 2																								
EQT 3	Planer shaving conveying system																								
EQT 4	Chip conveying system w/cyclone																								
EQT 8	Chip conveying system w/cyclone																								
EQT 5	Steam-heated lumber dry kiln																								
EQT 6	Steam-heated lumber dry kiln																								
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FUG 1	Fugitive Emission																								

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- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 1 & 2 Boiler No. 1, Boiler No. 2	Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971 [40 CFR 60, Subpart D]	DOES NOT APPLY. Maximum heat input <250 MM Btu/hr. [40 CFR 60.40(a)]
	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units [40 CFR 60, Subpart Dc]	DOES NOT APPLY. Boilers constructed in 1973.
	Emission Standards for Sulfur Dioxide [LAC 33.III.Chapter 15]	EXEMPT. Emissions are less than 100 tons per year of SO2; sources are exempt from the ppmv limitation of §1503 and continuous emissions monitoring requirement of §1511.A.
	Compliance Assurance Monitoring [40 CFR 64]	DOES NOT APPLY. Multiclones are not considered control devices. They are inherent to the process operations of the wood-fired boilers.
EQT 7	Filling of Gasoline Storage Vessels [LAC 33.III.2131]	EXEMPT. Facility in attainment area. [2131.D.1]

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

General Information

AID: 17306 Hood Industries Inc
Activity Number: PER20070001
Permit Number: 2420-00009-V3
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
	2420-00009	Hood Industries Inc	CDS Number	08-15-2002
	64-0673525	Federal Tax ID	Federal Tax ID	11-21-1999
LAR000028985		Hood Industries Inc	Hazardous Waste Notification	03-17-1998
LA0038342		WPC File Number	LPDES Permit #	05-22-2003
WP1677		WPC State Permit Number	LWDPS Permit #	06-25-2003
		TRI #	Toxic Release Inventory	07-14-2004
Physical Location:	7019HDNDS306WI	306 Wilkinson St Coushatta, LA 71019	Main Phone:	3189325761
Mailing Address:	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402			
Location of Front Gate:	32.03 latitude, -93.346389 longitude, Coordinate Method: Lat\Long - DMS, Coordinate Datum: NAD83			
Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	CRIM@HOODINDU:	Haz. Waste Billing Party for
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	TEDI Contact for
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	CRIM@HOODINDU:	TEDI Contact for
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	Water Billing Party for
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	CRIM@HOODINDU:	Air Permit Contact For
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	Air Permit Contact For
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	CRIM@HOODINDU:	Emission Inventory Contact for
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	Emission Inventory Contact for
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	Haz. Waste Billing Party for
	Benjamin Crim	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	CRIM@HOODINDU:	Water Billing Party for
	John Hammack	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	hammack@hoodindu:	Responsible Official for
	John Hammack	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	Responsible Official for
	Troy Murray	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	tmurray@hoodindus:	Emission Inventory Contact for
	Troy Murray	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	3189325761 (WP)	Emission Inventory Contact for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	Hood Industries Inc	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	Operates
	Hood Industries Inc	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	Emission Inventory Billing Party
	Hood Industries Inc	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	Air Billing Party for
	Hood Industries Inc	15 Professional Pkwy Ste 7 Hattiesburg, MS 39402	6012642962 (WP)	Owns

General Information

AI ID: 17306 Hood Industries Inc
Activity Number: PER20070001
Permit Number: 2420-0009-V3
Air - Title V Regular Permit Renewal

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.
Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Ms.
Tommie Miami, Permit Support Services Division, at (225) 219-3259 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 17306 - Hood Industries Inc
 Activity Number: PER20070001
 Permit Number: 2420-00009-V3
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Hood Industries, Inc. - Coushatta Sawmill						
EQT 0001	1-80 - Boiler No. 1 (Babcock and Wilcox) North Boiler	62 MM BTU/hr	40.8 MM BTU/hr	40.8 MM BTU/hr		8760 hr/yr
EQT 0002	2-80 - Boiler No. 2 (Tennessee Tank) South Boiler	62 MM BTU/hr	40.8 MM BTU/hr	40.8 MM BTU/hr		8760 hr/yr
EQT 0003	3-80 - Planer shavings pneumatic conveying system with cyclone					8760 hr/yr
EQT 0004	7-80 - Chip pneumatic conveying system with cyclone (rail shipment)					8760 hr/yr
EQT 0005	Klin-4 - Steam-heated lumber dry kiln no. 4	70000 M bd ft/yr	60000 M bd ft/yr	60000 M bd ft/yr		8760 hr/yr
EQT 0006	Klin-5 - Steam-heated lumber dry kiln no. 5	70000 M bd ft/yr	60000 M bd ft/yr	60000 M bd ft/yr		8760 hr/yr
EQT 0007	Tank-3 - 1000 gallon Gasoline Tank	1000 gallons				8760 hr/yr
EQT 0008	8-80 - Chip pneumatic conveying system with cyclone (truck shipment)					8760 hr/yr
FUG 0001	FFE-1 - Fugitive Emissions					8760 hr/yr

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Hood Industries, Inc. - Coushatta Sawmill							
EQT 0003	3-80 - Planer shavings pneumatic conveying system with cyclone	9.67		70			
EQT 0004	7-80 - Chip pneumatic conveying system with cyclone (rail shipment)	3.7		48			
EQT 0005	Klin-4 - Steam-heated lumber dry kiln no. 4			27.5		230	
EQT 0006	Klin-5 - Steam-heated lumber dry kiln no. 5			27.5		230	
EQT 0007	Tank-3 - 1000 gallon Gasoline Tank			8			
EQT 0008	8-80 - Chip pneumatic conveying system with cyclone (truck shipment)			3.75		54	
GRP 0002	S-1 - Combined Boiler Stack	60	82876	5.4	75	473	

Relationships:

ID	Description	Relationship	ID	Description
EQT 0001	1-80 - Boiler No. 1 (Babcock and Wilcox) North Boiler	Vents to	GRP 0002	S-1 - Combined Boiler Stack
EQT 0002	2-80 - Boiler No. 2 (Tennessee Tank) South Boiler	Vents to	GRP 0002	S-1 - Combined Boiler Stack

Subject Item Groups:

ID	Group Type	Group Description
GRP 0002	Equipment Group	S-1 - Combined Boiler Stack
GRP 0004	Equipment Group	ChipCap - Chip System Cap
UNF 0001	Unit or Facility Wide	UNF 001 - Hood Industries, Inc. - Coushatta Sawmill

Group Membership:

INVENTORIES

AI ID: 17306 - Hood Industries Inc
 Activity Number: PER20070001
 Permit Number: 2420-00009-V3
 Air - Title V Regular Permit Renewal

Group Membership:

ID	Description	Member of Groups
EQT 0001	1-80 - Boiler No. 1 (Babcock and Wilcox) North Boiler	GRP0000000002
EQT 0002	2-80 - Boiler No. 2 (Tennessee Tank) South Boiler	GRP0000000002
EQT 0004	7-80 - Chip pneumatic conveying system with cyclone (rail shipment)	GRP0000000004
EQT 0008	8-80 - Chip pneumatic conveying system with cyclone (truck shipment)	GRP0000000004

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
0220	0220 Sawmill and/or Planing More than 25,00 Bd Ft/Shift		

SIC Codes:

2421	Sawmills and planing mills, general	AI 17306
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EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 17306 - Hood Industries Inc
 Activity Number: PER20070001
 Permit Number: 2420-00009-V3
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/mr	Max lb/mr	Tons/Year
Hood Industries, Inc. - Coushatta Sawmill															
EQT 0003							0.80	0.80	3.5						
EQT 0005							0.53	0.53	2.3				28.0	28.0	122.6
EQT 0006							0.53	0.53	2.30				28.0	28.0	122.6
EQT 0007													0.07	0.14	0.30
FUG 0001															
FUG 0002															
GRP 0004	151.9	319.3	665.5	18.0	40.9	78.6	44.1	67.0	193.0	2.0	4.7	8.9	1.39	3.16	6.1
GRP 0004 chipcap															

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

Emissions Notes:

EQT 0005	PM10	Avg lb/hr	BACT	Which Months: All Year
EQT 0005	PM10	Max lb/hr	BACT	Which Months: All Year
EQT 0005	PM10	Tons/Year	BACT	Which Months: All Year
EQT 0005	VOC	Avg lb/hr	BACT	Which Months: All Year
EQT 0005	VOC	Max lb/hr	BACT	Which Months: All Year
EQT 0005	VOC	Tons/Year	BACT	Which Months: All Year
EQT 0006	PM10	Avg lb/hr	BACT	Which Months: All Year
EQT 0006	PM10	Max lb/hr	BACT	Which Months: All Year
EQT 0006	PM10	Tons/Year	BACT	Which Months: All Year
EQT 0006	VOC	Avg lb/hr	BACT	Which Months: All Year
EQT 0006	VOC	Max lb/hr	BACT	Which Months: All Year
EQT 0006	VOC	Tons/Year	BACT	Which Months: All Year
GRP 0002	PM10	Avg lb/hr	BACT	Which Months: All Year
GRP 0002	PM10	Max lb/hr	BACT	Which Months: All Year
GRP 0002	PM10	Tons/Year	BACT	Which Months: All Year
GRP 0002	CO	Avg lb/hr	BACT	Which Months: All Year
GRP 0002	CO	Max lb/hr	BACT	Which Months: All Year
GRP 0002	CO	Tons/Year	BACT	Which Months: All Year
GRP 0002	VOC	Avg lb/hr	BACT	Which Months: All Year

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 17306 - Hood Industries Inc
Activity Number: PER20070001
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	VOC	Max lb/hr	BACT	Which Months: All Year
	VOC	Tons/Year	BACT	Which Months: All Year
GRP 0002				
GRP 0002				

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 17306 - Hood Industries Inc

Activity Number: PER20070001

Permit Number: 2420-00009-V3

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
EQT 0005 Ktn-4	Formaldehyde	0.128	0.128	0.60
	Methanol	1.678	1.678	7.35
EQT 0006 Ktn-5	Formaldehyde	0.128	0.128	0.600
	Methanol	1.678	1.678	7.35
GRP 0002 S-1	Acetaldehyde	0.07	0.154	0.30
	Acrolein	0.33	0.74	1.43
	Arsenic (and compounds)	0.002	.004	0.008
	Benzene	0.34	0.78	1.5
	Beryllium (Table 51.1)	<0.001	<0.001	<0.001
	Cadmium (and compounds)	<0.001	0.001	0.001
	Chlorinated Dibenzo-P-Dioxins	<0.0001	<0.0001	<0.0001
	Chlorinated dibenzofurans	<0.0001	<0.0001	<0.0001
	Chromium VI (and compounds)	0.002	0.004	0.008
	Formaldehyde	0.36	0.82	1.57
	Hydrochloric acid	1.550	3.534	6.791
	Lead compounds	0.004	0.009	0.017
	Manganese (and compounds)	0.332	0.651	1.455
	Mercury (and compounds)	<0.001	0.001	0.001
	Nickel (and compounds)	0.003	0.006	0.012
	Phenol	0.004	0.009	0.018
	Polynuclear Aromatic Hydrocarbons	0.010	0.023	0.045
	Propionaldehyde	0.005	0.011	0.022
	Selenium (and compounds)	<0.001	0.001	0.001
	Styrene	0.155	0.353	0.679
	Toluene	0.075	0.171	0.329
	Xylene (mixed isomers)	0.002	0.005	0.009

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rates attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 17306 - Hood Industries Inc
 Activity Number: PER20070001
 Permit Number: 2420-00009-V3
 Air - Title V Regular Permit Renewal

EQT 0001 1-80 - Boiler No. 1 (Babcock and Wilcox) North Boiler

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 (Practice good wood combustion control is determined as MACT).

EQT 0002 2-80 - Boiler No. 2 (Tennessee Tank) South Boiler

Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 (Practice good wood combustion control is determined as MACT).

EQT 0003 3-80 - Planer shavings pneumatic conveying system with cyclone

Total suspended particulate <= 20.54 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily.
 Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
 Which Months: All Year Statistical Basis: None specified
 Cyclone vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
 Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0004 7-80 - Chip pneumatic conveying system with cyclone (rail shipment)

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average
 Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily.
 Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
 Cyclone vents: Visible emissions monitored by visual inspection/determination daily.
 Which Months: All Year Statistical Basis: None specified
 Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.
 Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 17306 - Hood Industries Inc
 Activity Number: PER20070001
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Air - Title V Regular Permit Renewal

EQT 0005 Kiln-4 - Steam-heated lumber dry kiln no. 4

- 14 [40 CFR 63.2280(a)] Submit all of the notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9 (b) through (e), and (g) and (h) by the dates specified.
 Subpart DDDD. [40 CFR 63.2280(a)]
- 15 [40 CFR 63.2280(b)] Submit Initial Notification: Due no later than 120 calendar days after September 28, 2004, or after initial startup, whichever is later, as specified in 40 CFR 63.9(b)(2). Subpart DDDD. [40 CFR 63.2280(b)]
- 16 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 17 [LAC 33:III.1311.B] Total suspended particulate <= 65.07 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
- 18 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 19 [LAC 33:III.2115.K] Which Months: All Year Statistical Basis: Six-minute average
 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 (No additional control is determined as MACT).
- 20 [LAC 33:III.5109.A]

EQT 0006 Kiln-5 - Steam-heated lumber dry kiln no. 5

- 21 [40 CFR 63.2280(a)] Submit all of the notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), 63.9 (b) through (e), and (g) and (h) by the dates specified.
 Subpart DDDD. [40 CFR 63.2280(a)]
- 22 [40 CFR 63.2280(b)] Submit Initial Notification: Due no later than 120 calendar days after September 28, 2004, or after initial startup, whichever is later, as specified in 40 CFR 63.9(b)(2). Subpart DDDD. [40 CFR 63.2280(b)]
- 23 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.
- 24 [LAC 33:III.1311.B] Total suspended particulate <= 65.07 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified
- 25 [LAC 33:III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 26 [LAC 33:III.2115.K] Which Months: All Year Statistical Basis: Six-minute average
 Equipment/operational data recordkeeping by electronic or hard copy as needed. Maintain records to demonstrate that the criteria are being met for any exemption claimed. Maintain records on the premises for at least two years and make such information available to representatives of the Louisiana Department of Environmental Quality and the Environmental Protection Agency upon request.
 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ.
 (No additional control is determined as MACT).
- 27 [LAC 33:III.5109.A]

EQT 0007 Tank-3 - 1000 gallon Gasoline Tank

SPECIFIC REQUIREMENTS

AI ID: 17306 - Hood Industries Inc
 Activity Number: PER20070001
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 Air - Title V Regular Permit Renewal

EQT 0007 Tank-3 - 1000 gallon Gasoline Tank

- 28 [LAC 33:III.2103.A]
 29 [LAC 33:III.2103.I]

Equip with a submerged fill pipe.
 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.I - 7, as applicable.

EQT 0008 8-80 - Chip pneumatic conveying system with cyclone (truck shipment)

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: Six-minute average

Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily.

Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary.

Which Months: All Year Statistical Basis: None specified

Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

Cyclone vents: Visible emissions monitored by visual inspection/determination daily.

Which Months: All Year Statistical Basis: None specified

FUG 0001 FE-1 - Fugitive Emissions

Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7.

GRP 0002 S-1 - Combined Boiler Stack

Group Members: EQT 0001EQT 0002

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, scot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

Which Months: All Year Statistical Basis: None specified

Total suspended particulate <= 0.6 lb/MMBTU of heat input.

Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services.

SPECIFIC REQUIREMENTS

AI ID: 17306 - Hood Industries Inc
Activity Number: PER20070001
Permit Number: 2420-00009-V3
Air - Title V Regular Permit Renewal

GRP 0002 S-1 - Combined Boiler Stack

- 40 [LAC 33:III.507.H.1.a] Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), within 60 days after achieving normal production rate or end of the shakedown period or within 5 years from the last performance/emissions test, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources; Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources; Method 25A - Determination of Total Gaseous Organic Concentration using a Flame Ionization Analyzer; and Method 5 - Determination of Particulate Matter Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- 41 [LAC 33:III.507.H.1.a] Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing.

GRP 0004 ChipCap - Chip System Cap

- Group Numbers: EQT 0004 EQT 0008
 42 [LAC 33:III.1311 B] Total suspended particulate <= 44.39 lb/hr. The rate of emission shall be the total of all emission points from the source.
 Which Months: All Year Statistical Basis: None specified

UNF 001 UNF 001 - Hood Industries, Inc. - Coushatta Sawmill

- Comply with the requirements of PSD-LA-708 (M-2). This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-708 (M-2).
- Permittee shall comply with the applicable provisions of 40 CFR 63 Subpart DDDD.
- All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 10 of 40 CFR 63 Subpart DDDD.
- Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 43 [40 CFR 52.21]
 44 [40 CFR 63.2230-2292]
 45 [40 CFR 63.]
 46 [40 CFR 70.5(a)(1)(iii)]
 47 [40 CFR 70.6(a)(3)(iii)(A)]

SPECIFIC REQUIREMENTS

AI ID: 17306 - Hood Industries Inc
 Activity Number: PER20070001
 Permit Number: 2420-00009-V3
 Air - Title V Regular Permit Renewal

UNF 001 UNF 001 - Hood Industries, Inc. - Coushatta Sawmill

- 48 [40 CFR 70.6(a)(3)(iii)(B)] Submit Title V excess emissions report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]
- 49 [40 CFR 70.6(c)(5)(iv)] Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 50 [LAC 33:III.1103] Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111
- 51 [LAC 33:III.1303.B] Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 52 [LAC 33:III.2113.A] Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 53 [LAC 33:III.219] Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 54 [LAC 33:III.5101-5151] Permittee shall comply with all applicable provisions of LAC 33:III. Chapter 51- Comprehensive Toxic Air Pollutant Emission Control Program. In order to achieve compliance with the emission limits of toxic air pollutants, the permittee shall practice "good wood combustion" and "good housekeeping" as standard operating procedures.
- 55 [LAC 33:III.5109.B.3] Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology.
- 56 [LAC 33:III.5109.B] Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 5J.2.
- 57 [LAC 33:III.5109.C] Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:II.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department.
- 58 [LAC 33:III.5111.A.1] Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:III.1701, before commencement of the construction of any new source.
- 59 [LAC 33:III.5111.A.2.a] Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source.
- 60 [LAC 33:III.5111.A] Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified.

SPECIFIC REQUIREMENTS

AI ID: 17306 - Hood Industries Inc
Activity Number: PER20070001
Permit Number: 2420-00009-V3
Air - Title V Regular Permit Renewal

UNF 0001 UNF 001 - Hood Industries, Inc. - Coushatta Sawmill

- Permittee shall comply with the Part 70 General Conditions as set forth in LAC 33:III.535 and the Louisiana General Conditions as set forth in LAC 33:III.537. [LAC 33:III.535, LAC 33:III.537]
61. [LAC 33:III.5611.A] Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority.
62. [LAC 33:III.5611.B] During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.
63. [LAC 33:III.5611.C] Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A.D.